

WHAT IS CLAIMED IS:

1. A bracket for attaching a peripheral device within a bay of a chassis of a computer system, said chassis comprising: a first face having a chassis face aperture therein, a second face, and a support bar slot configured on said second face, said bracket comprising:

- 5           a bracket body comprising an aperture therein;  
          a support bar extending from said bracket body;  
          a tab protruding from said support bar; and  
          a fastener for fastening said bracket to said peripheral device when  
said peripheral device is seated within said bracket body aperture at a  
10       predetermined cross-sectional portion of said peripheral device such that a  
front panel of said peripheral device aligns within said chassis face aperture  
when said peripheral device is fastened to said bracket, said tab is seated in  
said support bar slot, and said bracket is pivoted towards said first face of  
said chassis such that said support bar is normal to said first face of said  
15       chassis.

2. A bracket in accordance with claim 1, wherein:

          said bracket body comprises a hook portion which hooks over a lance provided on said chassis when said bracketed peripheral device is properly seated in said bay.

3. A bracket in accordance with claim 1, wherein:

          said bracket body aperture is form-fitted to said predetermined cross-sectional portion of said peripheral device.

4. A bracket in accordance with claim 1, wherein:

          said chassis face aperture is form-fitted to said front panel of said peripheral device.

5. A bracket in accordance with claim 1, wherein:

          said second face of said chassis comprises a face opposite to said first face.

6. A bracket in accordance with claim 1, wherein:  
said second face of said chassis comprises a face adjacent to said first face.

7. A bracket in accordance with claim 1, wherein:  
said bracket body abuts against said first face of said chassis when said bracket is properly seated in said bay to thereby prevent electromagnetic radiation from escaping said bay through said chassis face aperture.

8. A bracket in accordance with claim 1, comprising:  
at least one additional support bar protruding from said bracket body each having a support tab which fits into a corresponding additional support tab slot in said chassis.

9. A computer system housing, comprising:  
a chassis comprising a bay for receiving a peripheral device, said bay comprising a first face having a chassis face aperture therein, a second face, and a support bar slot configured on said second face;

a peripheral device having a front panel and a body;

a bracket attached to said peripheral device, said bracket comprising:

a bracket body having a bracket body aperture therein;

a support bar extending from said bracket body; and

a tab protruding from said support bar;

wherein said peripheral device is seated within said bracket body aperture at a predetermined cross-sectional portion of said peripheral device such that said front panel of said peripheral device aligns within said chassis face aperture when said peripheral device is fastened to said bracket, said tab is seated in said support bar slot, and said bracket is pivoted towards said first face of said chassis such that said support bar is normal to said first face of said chassis.

10. A computer system housing in accordance with claim 9, wherein:

said chassis comprises a lance; and  
said bracket body comprises a hook portion which hooks over said lance when said bracketed peripheral device is properly seated in said bay.

11. A computer system housing in accordance with claim 9, wherein:  
said bracket body aperture is form-fitted to said predetermined cross-sectional portion of said peripheral device.

12. A computer system housing in accordance with claim 9, wherein:  
said chassis face aperture is form-fitted to said front panel of said peripheral device.

13. A computer system housing in accordance with claim 9, wherein:  
said second face of said chassis comprises a face opposite to said first face.

14. A computer system housing in accordance with claim 9, wherein:  
said second face of said chassis comprises a face adjacent to said first face.

15. A computer system housing in accordance with claim 9, wherein:  
said bracket body abuts against said first face of said chassis when said bracket is properly seated in said bay to thereby prevent electromagnetic radiation from escaping said bay through said chassis face aperture.

16. A computer system housing in accordance with claim 9, wherein:  
at least one additional support bar protruding from said bracket body each having a support tab which fits into a corresponding additional support tab slot in said chassis.

17. A method for attaching a peripheral device to a face of a chassis with a bracket, said bracket comprising a bracket body having a bracket

body aperture therein, a support bar extending from said bracket body, and a tab protruding from said support bar, said method comprising:

5       fastening said peripheral device to said bracket body aperture at a predetermined cross-sectional portion of said peripheral device parallel to a front panel of said peripheral device;

          inserting said support bar tab of said bracket into a support tab slot on a first face of said chassis;

10       pivoting said bracket towards a second face of said chassis, said second face having an aperture therein form-fitted to the shape of said front panel of said peripheral device; and

          positioning said front panel of said peripheral device into alignment within said aperture of said second face of said chassis.

18. A method in accordance with claim 17, wherein said positioning step comprises:

          hooking said bracket body over a lance attached to said second face of said chassis.

19. A method for removing a peripheral device from the bay of a chassis, said peripheral device having a front panel aligned within a chassis aperture of a first face of said chassis and attached to said chassis with a bracket, said bracket comprising a bracket body having a bracket body  
5       aperture therein, a support bar extending from said bracket body, and a tab protruding from said support bar and extending into a support tab slot on a second face of said chassis, said method comprising:

          compressing said front panel of said peripheral device into said bay of said chassis such that it clears an upper edge of said chassis aperture; and

10       pivoting said bracket away from said chassis aperture inside said bay; and

          removing said support tab on said support bar of said bracket from said support tab slot.

20. A method in accordance with claim 19, wherein:

prior to said pivoting step, unhooking a hook portion on said bracket body from a lance on said chassis.